

CATEGORY

Type	Galaxy S
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CARRIER

Type	Unlocked
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FORM FACTOR

Form Factor	Touch Bar
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COLOR

Color	Black Sapphire
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OS

OS	Android 5.1
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SIZE

Weight	138g
Product Dimensions (inches)	5.65" x 2.78" x 0.27"

CAMERA

Camera resolution (Front)	CMOS 5MP
Camera resolution (Rear)	CMOS 16MP

Video Recording Resolution	UHD 4K (3840 x 2160) @ 30fps
Main Camera - Flash	Yes
Main Camera - Auto Focus	Yes

BATTERY

Battery, Talk Time	3G WCDMA: Up to 23 hours
Battery Type and Size	2550 mAh
Music Play Time	Up to 57 hours
Video Play Time	Up to 13 hours
Internet Use Time	3G: Up to 10 hours; LTE: Up to 12 hours; Wi-Fi: Up to 12 hours

MEMORY

<p>Internal Memory</p> <p><small>(User memory is less than the total memory due to storage of the operating system and software used to operate the features. Actual user memory will vary depending on the operator and may change after software upgrades are performed.)</small></p>	32GB UFS 2.0
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NETWORK

Frequencies and Data Type	<p>Infra: 2G GSM, 3G WCDMA, 4G LTE FDD;</p> <p>2G GSM: GSM850, GSM900, DCS1800, PCS1900;</p>
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	3G UMTS: B1(2100), B2(1900), B4(AWS), B5(850); 4G FDD LTE: B1(2100), B2(1900), B3(1800), B4(AWS), B5(850), B7(2600), B12(700), B17(700), B20(800)
Multi-SIM	Single-SIM
SIM Size	Nano-SIM (4FF)

CONNECTIVITY

Wi-Fi	802.11 a/b/g/n/ac 2.4G+5GHz, VHT80 MIMO
USB	USB 2.0
Bluetooth	Bluetooth® v4.1
Ant+	Yes
Bluetooth Profiles	A2DP, AVRCP, DI,HFP, HID, HOGP, HSP, MAP, OPP, PAN, PBAP
Location Technology	GPS, Glonass
Earjack	3.5mm Stereo
Wi-Fi Direct	Yes
NFC	Yes
PC Sync.	Smart Switch™ (PC version)

PROCESSOR

Processor Speed, Type	2.1GHz, 1.5GHz; Octa-Core
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DISPLAY

Main Display Resolution	2560 x 1440 (Quad HD)
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Main Display Size	5.1" (129.2mm)
Main Display Technology	Super AMOLED®
Color Depth	16M
AUDIO	
Audio Playing Format	MP3, M4A, 3GA, AAC, OGG, OGA, WAV, WMA, AMR, AWB,FLAC, MID, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA
VIDEO	
Video Playing Format	MP4, M4V, 3GP, 3G2, WMV, ASF, AVI, FLV, MKV, WEBM
Video Playing Resolution	UHD 4K (3840 x 2160) @ 30fps
SERVICES AND APPLICATIONS	
Gear Manager	Gear Circle™ (Manager Support), Samsung Gear™ Fit, Gear™
S-Voice	Yes
SENSOR TYPE	
Type	Accelerometer, Barometer, Fingerprint Sensor, Gyro Sensor, Geomagnetic Sensor, Hall Sensor, HR Sensor, Light Sensor, Proximity Sensor